




<b>FORM PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> <i>(Use several sheets if necessary)</i>	<b>Docket Number (Optional)</b> 6565-67326/RJP	<b>Application Number</b> 10/713,869
	<b>Applicant</b> Tai-Shung Neal Chung et al.	
	<b>Filing Date</b> November 14, 2003	<b>Group Art Unit</b>

U.S. PATENT DOCUMENTS						
EXAMINER INITIALS	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TB	4,981,497	Jan. 1/91	Hayes	55	16	
	4,717,393	Jan. 5/88	Hayes	55	16	











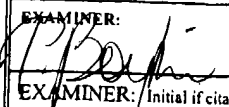
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
TB	L.M. Robeson, Correlation of separation factor versus permeability for polymeric membranes, <i>J. Membr. Sci.</i> , 62 (1991) 165
TB	M. S. McCaig, D. R. Paul, Effect of UV cross-linking and physical aging on the gas permeability of thin glassy polyarylate films, <i>Polymer</i> 40 (1999) 7209
TB	Y. Liu, C. Y. Pan, M. X. Ding, J. P. Xu, Gas permeability and permselectivity of photochemically crosslinked copolyimides, <i>J. Appl. Polym. Sci.</i> 73 (1999) 521
TB	J. H. Fang, H. Kita, K. Okamoto, Hyperbranched polyimides for gas separation applications. 1. Synthesis and characterization, <i>Macromolecules</i> , 33 (2000) 4693
TB	W. J. Koros, G. K. Fleming, Membrane-based gas separation, <i>J. Membr. Sci.</i> , 83 (1993) 1
TB	A. Bos, I. G. M. Punt, M. Wessling, H. Strathmann, Plasticization-resistant glassy polyimide membranes for CO/CH separations, <i>Separation and Purif. Tech.</i> 14 (1998) 27
EXAMINER: TB	DATE CONSIDERED: Apr 10, 2005
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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FOREIGN PATENT DOCUMENTS						
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						YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	
	S. A. Stern, Polymers for the gas separation: the next decade, <i>J. Membr. Sci.</i> , 94 (1994) 1
	M. E. Rezac, B. Schoberl, Transport and thermal properties of poly(ether imide)/ acetylene-terminated monomer blends, <i>J. Membr. Sci.</i> 156 (1999) 211
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	Y. Liu, M. X. Ding, J. P. Xu, Gas permeabilities and permselectivity of photochemically cross-linked polyimides, <i>J. Appl. Polym. Sci.</i> 58 (1995) 485
	C. Staudt-Bickel, W. J. Koros, Improvement of CO <sub>2</sub> /CH <sub>4</sub> separation characteristic of polyimides by chemical crosslinking, <i>J. Membr. Sci.</i> 155 (1999) 145
	M. Al-Masri, H. R. Kricheldorf, D. Fritsch, New polyimides for gas separation. 1. polyimides derived from substituted terphenylenes and 4,4'-(hexafluoroisopropylidene)diphthalic anhydride, <i>Macromolecules</i> , 32 (1999) 7853
	W. J. Koros, R. Mahajan, Pushing the limits on possibilities for large scale gas separation: which strategies?, <i>J. Membr. Sci.</i> 175 (2000) 181
	A. Bos, I. G. M. Punt, M. Wessling, H. Strathmann, Suppression of CO <sub>2</sub> -plasticization by semiinterpenetrating polymer network formation, <i>J. Polym. Sci., Part B: Polym. Phys.</i> 36 (1998) 1547
EXAMINER: 	DATE CONSIDERED: <u>January 6, 2005</u>
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	